

Technical Bulletin

Model(s)	Year(s)	Eng. Code(s)	Trans. Code(s)	VIN Range From	VIN Range To
Touareg, Touareg 2	2007-2009	3.6L (BHK)	All	7L_7D000001	7L_9D017949

Condition

01 14 05 February 21, 2014 2019434 Supersedes T.B. V011206 dated March 14, 2012 to correct Technical Diagnosis labor operation coding in the warranty table.

MIL ON, DTCs P0325 or P0327 Stored in ECM Fault Memory

DTC	Description
P0325	Knock Sensor 1 -G61-, Circuit Malfunction
P0327	Knock Sensor 1 -G61-, Signal Low Input

Technical Background

The condition is caused by humidity entering the knock sensor or its cable.

 **Note:**

The condition as described does not compromise engine performance.

Production Solution

Improved knock sensors with extra heat insulation and a special holder for a modified installation position.

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Service

1. Replace knock sensor -G61- with wiring harness 03H 905 377A.
2. Tighten the mounting bolt of knock sensors to 20 Nm (177 in. lbs.).

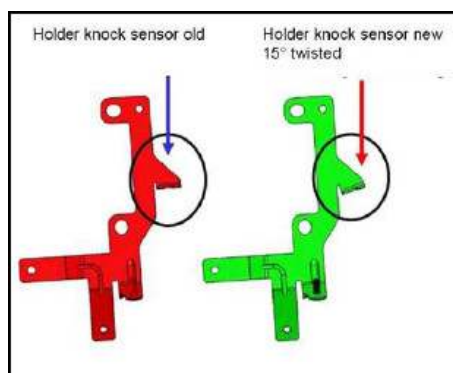


Figure 1

- Inspect whether or not knock sensor bracket Part No. 03H 971 501 D (the new knock sensor bracket that is twisted 15°) is installed.



Figure 2

If the old knock sensor bracket 03H 971 501 A is installed:

- Replace with the new bracket Part No. 03H 971 501 D (Figure 2, inset A).

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Figure 3

- Install extra heat insulation Part No. 03H 971 461 as shown in Figure 3.

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Warranty

To determine if this procedure is covered under Warranty, always refer to the Warranty Policies and Procedures Manual ¹⁾					
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Touareg, Touareg 2	2007-2009	3.6L (BHK)	All	7L_7D000001	7L_9D017949
Claim Type:			Use applicable Claim Type ¹⁾		
SAGA Coding					
Service Number:	Damage Code	Damage Location (Depends on Service No.)		Parts Manufacturer (removed part)	
2872	0040	Use applicable when indicated in ElsaWeb (L/R)		VDO ²⁾	
Labor Operation ³⁾ : Replace knock sensor			28721920 = 30 TU		
Labor Operation ³⁾ : Replace knock sensor bracket, added insulation to sensor wire harness			28725599 = 10 TU		
Diagnostic Time ⁴⁾					
GFF Time expenditure	01500000 = 20 TU max.		YES		
Road Test	01210004 = 10 TU max		YES		
Technical Diagnosis	01320000 = 10 TU max.		YES		
Claim Comment: Input "As per Technical Bulletin 2019434" in comment section of Warranty Claim.					
¹⁾ Vehicle may be outside any Warranty in which case this Technical Bulletin is informational only ²⁾ Code per warranty vendor code policy. ³⁾ Labor Time Units (TUs) are subject to change with Elsa updates. ⁴⁾ Documentation required per Warranty Policy & Procedures Manual.					

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Required Parts and Tools

Part Number	Part Description	Quantity
03H 905 377 A	Knock sensor with wiring harness	1
03H 971 501 D	Knock sensor holder	1
03H 971 461	Heat insulation	1

Tool Description	Tool No:
Midtronics Battery Tester/Charger	InCharge 940 (INC-940)
VAS Diagnostic Tool	VAS 5051B, VAS 5052A, VAS 6150/X & VAS 6160/X with: - ODIS Service 2.0.0 or higher with current online updates

Additional Information

All part and service references provided in this Technical Bulletin are subject to change and/or removal. Always check with your Parts Dept. and Repair Manuals for the latest information.